



1600

RAW SEQUENCE LISTING

DATE: 05/19/2003

PATENT APPLICATION: US/09/646,651B

TIME: 11:06:22

Input Set : A:\206579.seq.ST25.txt

Output Set: N:\CRF4\05192003\I646651B.raw

RECEIVED
 MAY 21 2003
 FBI/DOJ

```

3 <110> APPLICANT: Kieseewetter, Stefan
4      Kuhn, Erkehard
5      Koch-Peister, Brigitte
6      Brunner, Herwig
7 <120> TITLE OF INVENTION: METAL-CONTAINING RIBONUCLEOTIDE POLYPEPTIDES
10 <130> FILE REFERENCE: 206579
11 <140> CURRENT APPLICATION NUMBER: 09/646,651B
12 <141> CURRENT FILING DATE: 2000-09-13
13 <150> PRIOR APPLICATION NUMBER: PCT/EP98/07722
14 <151> PRIOR FILING DATE: 1998-11-10
15 <160> PRIOR APPLICATION NUMBER: DE 198 11 047.2
16 <161> PRIOR FILING DATE: 1998-03-13
21 <160> NUMBER OF SEQ ID NOS: 4
22 <170> SOFTWARE: PatentIn version 3.0
23 <210> SEQ ID NO: 1
24 <211> LENGTH: 91
25 <212> TYPE: PRT
26 <213> ORGANISM: Unknown
31 <220> FEATURE:
32 <221> NAME/KEY: misc_feature
33 <222> LOCATION: (1)..(91)
34 <223> OTHER INFORMATION: Angiotropin-related protein
40 <400> SEQUENCE: 1
41 Thr Lys Leu Glu Asp His Leu Glu Gly Ile Ile Asn Ile Phe His Gln
42      1             5             10             15
43 Tyr Ser Val Arg Leu Gly His Tyr Asp Thr Leu Ile Lys Arg Glu Leu
44      16            20            25            30
45 Lys Tyr Leu Ile Thr Lys Glu Leu Pro Asn Thr Leu Lys Asn Thr Lys
46      31            35            40            45
47 Asp Gln Gly Thr Ile Asp Lys Ile Phe Tyr Asn Leu Asp Ala Asn Gln
48      46            50            55            60
49 Asp Gln Gln Val Ser Phe Lys Glu Phe Val Val Leu Val Thr Asp Val
50      61            65            70            75            80
51 Leu Ile Thr Ala His Asp Asn Ile His Lys Glu
52      81            85            90
53 <210> SEQ ID NO: 2
54 <211> LENGTH: 107
55 <212> TYPE: RNA
56 <213> ORGANISM: Artificial
61 <220> FEATURE:
62 <223> OTHER INFORMATION: Synthetic
63 <220> FEATURE:
64 <221> NAME/KEY: misc_feature

```

ENTERED

RAW SEQUENCE LISTING

DATE: 05/19/2003

PATENT APPLICATION: US/09/646,651B

TIME: 11:06:22

Input Set : A:\206579.seq.ST25.txt

Output Set: N:\CRF4\05192003\I646651B.raw

```

129 <223> OTHER INFORMATION: N is nucleotide A, C, U, or G
130 <220> FEATURE:
131 <221> NAME/KEY: misc_feature
132 <222> LOCATION: (19)..(29)
133 <223> OTHER INFORMATION: N is nucleotide A, C, U, or G
134 <220> FEATURE:
135 <221> NAME/KEY: misc_feature
136 <222> LOCATION: (30)..(30)
137 <223> OTHER INFORMATION: N is nucleotide A, C, U, or G
138 <220> FEATURE:
139 <221> NAME/KEY: misc_feature
140 <222> LOCATION: (40)..(34)
141 <223> OTHER INFORMATION: N is nucleotide A, C, U, or G
142 <220> FEATURE:
143 <221> NAME/KEY: misc_feature
144 <222> LOCATION: (50)..(35)
145 <223> OTHER INFORMATION: N is nucleotide A, C, U, or G
146 <220> FEATURE:
147 <221> NAME/KEY: misc_feature
148 <222> LOCATION: (60)..(36)
149 <223> OTHER INFORMATION: N is nucleotide A, C, U, or G
150 <220> FEATURE:
151 <221> NAME/KEY: misc_feature
152 <222> LOCATION: (70)..(37)
153 <223> OTHER INFORMATION: N is nucleotide A, C, U, or G
154 <220> FEATURE:
155 <221> NAME/KEY: misc_feature
156 <222> LOCATION: (80)..(38)
157 <223> OTHER INFORMATION: N is nucleotide A, C, U, or G
158 <220> FEATURE:
159 <221> NAME/KEY: misc_feature
160 <222> LOCATION: (90)..(39)
161 <223> OTHER INFORMATION: N is nucleotide A, C, U, or G
162 <220> FEATURE:
163 <221> NAME/KEY: misc_feature
164 <222> LOCATION: (55)..(45)
165 <223> OTHER INFORMATION: N is nucleotide A, C, U, or G and may or may not be present
166 <220> FEATURE:
167 <221> NAME/KEY: misc_feature
168 <222> LOCATION: (48)..(48)
169 <223> OTHER INFORMATION: N is nucleotide A, C, U, or G
170 <220> FEATURE:
171 <221> NAME/KEY: misc_feature
172 <222> LOCATION: (50)..(55)
173 <223> OTHER INFORMATION: N is nucleotide A, C, U, or G and may or may not be present
174 <220> FEATURE:
175 <221> NAME/KEY: misc_feature
176 <222> LOCATION: (56)..(56)
177 <223> OTHER INFORMATION: N is nucleotide A, C, U, or G and may or may not be present

```

RAW SEQUENCE LISTING

DATE: 05/19/2003

PATENT APPLICATION: US/09/646,651B

TIME: 11:06:22

Input Set : A:\206579.seq.ST25.txt

Output Set: N:\CRF4\05192003\I646651B.raw

190 <200> FEATURE:

191 <201> NAME/KEY: misc_feature

192 <202> LOCATION: (57)..(57)

193 <203> OTHER INFORMATION: N is nucleotide A, C, U, or G and may or may not be present

194 <200> FEATURE:

195 <201> NAME/KEY: misc_feature

196 <202> LOCATION: (59)..(59)

197 <203> OTHER INFORMATION: N is nucleotide A, C, U, or G and may or may not be present

200 <200> FEATURE:

201 <201> NAME/KEY: misc_feature

202 <202> LOCATION: (59)..(59)

203 <203> OTHER INFORMATION: N is nucleotide A, C, U, or G and may or may not be present

205 <200> FEATURE:

206 <201> NAME/KEY: misc_feature

207 <202> LOCATION: (63)..(63)

208 <203> OTHER INFORMATION: N is nucleotide A, C, U, or G

210 <200> FEATURE:

211 <201> NAME/KEY: misc_feature

212 <202> LOCATION: (66)..(66)

213 <203> OTHER INFORMATION: N is nucleotide A, C, U, or G and may or may not be present

215 <200> FEATURE:

216 <201> NAME/KEY: misc_feature

217 <202> LOCATION: (67)..(67)

218 <203> OTHER INFORMATION: N is nucleotide A, C, U, or G and may or may not be present

220 <200> FEATURE:

221 <201> NAME/KEY: misc_feature

222 <202> LOCATION: (68)..(68)

223 <203> OTHER INFORMATION: N is nucleotide A, C, U, or G and may or may not be present

225 <200> FEATURE:

226 <201> NAME/KEY: misc_feature

227 <202> LOCATION: (69)..(69)

228 <203> OTHER INFORMATION: N is nucleotide A, C, U, or G and may or may not be present

230 <200> FEATURE:

231 <201> NAME/KEY: misc_feature

232 <202> LOCATION: (70)..(70)

233 <203> OTHER INFORMATION: N is nucleotide A, C, U, or G and may or may not be present

235 <200> FEATURE:

236 <201> NAME/KEY: misc_feature

237 <202> LOCATION: (71)..(71)

238 <203> OTHER INFORMATION: N is nucleotide A, C, U, or G and may or may not be present

240 <200> FEATURE:

241 <201> NAME/KEY: misc_feature

242 <202> LOCATION: (72)..(72)

243 <203> OTHER INFORMATION: N is nucleotide A, C, U, or G and may or may not be present

245 <200> FEATURE:

246 <201> NAME/KEY: misc_feature

247 <202> LOCATION: (73)..(73)

248 <203> OTHER INFORMATION: N is nucleotide A, C, U, or G and may or may not be present

250 <200> FEATURE:

RAW SEQUENCE LISTING

DATE: 05/19/2003

PATENT APPLICATION: US/09/646,651B

TIME: 11:06:22

Input Set : A:\206579.seq.ST25.txt

Output Set: N:\CRF4\05192003\I646651B.raw

251 <21> NAME/KEY: misc_feature
252 <21> LOCATION: (74)..(74)
253 <21> OTHER INFORMATION: N is nucleotide A, C, U, or G and may or may not be present
254 <21> FEATURE:
255 <21> NAME/KEY: misc_feature
256 <21> LOCATION: (75)..(75)
257 <21> OTHER INFORMATION: N is nucleotide A, C, U, or G and may or may not be present
258 <21> FEATURE:
259 <21> NAME/KEY: misc_feature
260 <21> LOCATION: (76)..(76)
261 <21> OTHER INFORMATION: N is nucleotide A, C, U, or G and may or may not be present
262 <21> FEATURE:
263 <21> NAME/KEY: misc_feature
264 <21> LOCATION: (77)..(77)
265 <21> OTHER INFORMATION: N is nucleotide A, C, U, or G and may or may not be present
266 <21> FEATURE:
267 <21> NAME/KEY: misc_feature
268 <21> LOCATION: (78)..(78)
269 <21> OTHER INFORMATION: N is nucleotide A, C, U, or G and may or may not be present
270 <21> FEATURE:
271 <21> NAME/KEY: misc_feature
272 <21> LOCATION: (85)..(85)
273 <21> OTHER INFORMATION: N is nucleotide A, C, U, or G and may or may not be present
274 <21> FEATURE:
275 <21> NAME/KEY: misc_feature
276 <21> LOCATION: (86)..(86)
277 <21> OTHER INFORMATION: N is nucleotide A, C, U, or G and may or may not be present
278 <21> FEATURE:
279 <21> NAME/KEY: misc_feature
280 <21> LOCATION: (87)..(87)
281 <21> OTHER INFORMATION: N is nucleotide A, C, U, or G and may or may not be present
282 <21> FEATURE:
283 <21> NAME/KEY: misc_feature
284 <21> LOCATION: (88)..(88)
285 <21> OTHER INFORMATION: N is nucleotide A, C, U, or G and may or may not be present
286 <21> FEATURE:
287 <21> NAME/KEY: misc_feature
288 <21> LOCATION: (89)..(89)
289 <21> OTHER INFORMATION: N is nucleotide A, C, U, or G and may or may not be present
290 <21> FEATURE:
291 <21> NAME/KEY: misc_feature
292 <21> LOCATION: (90)..(90)
293 <21> OTHER INFORMATION: N is nucleotide A, C, U, or G and may or may not be present
294 <21> FEATURE:
295 <21> NAME/KEY: misc_feature
296 <21> LOCATION: (91)..(91)
297 <21> OTHER INFORMATION: N is nucleotide A, C, U, or G and may or may not be present
298 <21> FEATURE:
299 <21> NAME/KEY: misc_feature

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/646,651B

DATE: 05/19/2003
TIME: 11:06:23

Input Set : A:\206579.seq.ST25.txt
Output Set: N:\CRF4\05192003\I646651B.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:2; N Pos. 8,9,10,11,12,14,20,21,22,23,24,25,28,29,30,34,35,36,37,38,39

Seq#:2; N Pos. 45,48,55,56,57,58,59,63,66,67,68,69,70,71,72,73,74,75,76,77

Seq#:2; N Pos. 78,85,86,87,88,89,90,91,92,93,94,95,96,97,98,99,100

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:2